

REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

MO 63108, USA
6 (bases 1 to 133749)
Waterston, R.
Direct Submission
Submitted (16-APR-2003) Department of Genetics, Washington
University, 4444 Forest Park Avenue, St. Louis, Missouri 63108, USA
on Mar 21, 2002 This sequence version replaced cl:19339250.
----- Genome Center
Center: Washington University Genome Sequencing Center
Center code: WUGSC
Web site: <http://genome.wustl.edu/usc>
Contact: saplens@wustl.wustl.edu
----- Summary Statistics
Center project name: H_NH0710F07

NOTE: This sequence may not represent the entire insert of this clone. It may be shorter because we only sequence overlapping clone sections once, or longer because we provide a small overlap between neighboring data submissions.

This sequence was finished as follows unless otherwise noted:
all regions were double stranded, sequenced with an alternate chemistry, or covered by high quality data (i.e., phred quality >= 30); an attempt was made to resolve all sequencing problems, such as compressions and repeats; all regions were covered by sequence from more than one subclone; and the assembly was confirmed by restriction digest.

MAPPING INFORMATION:

Mapping information for this clone was provided by Dr. John D. McPherson, Department of Genetics, Washington University, St. Louis MO. For additional information about the map position of this sequence, see <http://genome.wustl.edu/usc>

SOURCE INFORMATION:

The RPCL11 human BAC library was made from the blood of one male donor, as described by Osoegawa, K., Woon, P.Y., Zhao, B., Frenken, E., Tatebe, M., Cattanese, J.J., and de Jong, P.J. (1998) An improved approach for construction of bacterial artificial chromosome libraries. *Genomics* 51:1-8. The clone may be obtained either from Research Genetics, Inc. (<http://www.resgen.com>) or Peter de Jong and coworkers at <http://www.chori.org>
VECTOR: pBAC1.6

NEIGHBORING SEQUENCE INFORMATION:

The clone sequenced to the left is RP11 20606, 2063 bp overlap.
Actual end of this clone is at base position 13749 of RP11-710F7.

Polymorphisms have been identified between A169361 and A1901820.

FEATURES

source
location/qualifiers
1..133749
/organism="Homo sapiens"
/db_xref="taxon:9606"
/chromosome="4"
/map="4"
/clone="RP11-710F7"
/clone_lib="RPCL-11"
68..279
repeat_region
1416..1500
/rpt_family="Alu"
repeat_region
1525..1545
/rpt_family="MIR"
repeat_region
4049..4258
/rpt_family="Alu_rich"
repeat_region
4729..5091
/rpt_family="MERL_type"
misc_feature
4734..5091
/note="match to EST AW411716 (NID:q6838342) hd13q05.x1"
misc_feature
4743..5091
/note="match to EST AW192563 (NID:q6451023) x141q06.x1"
misc_feature
4743..5008
/note="match to EST AA971957 (NID:q147247) q088d03.s1"
misc_feature
5004..5252
/note="match to EST AW268636 (NID:q665666) x041d11.x1"
misc_feature
5004..5102
/note="match to EST AA632649 (NID:q246845) np48a02.s1"
misc_feature
5007..5422
/note="match to EST A1907471 (NID:q647901)"
misc_feature
5007..5102
/note="match to EST BE844056 (NID:q12199206)"
misc_feature
5007..5102
/note="match to EST AA914032 (NID:q3052424) o134q06.s1"
misc_feature
5007..5102
/note="match to EST A1672401 (NID:q452042) t56a08.x1"
misc_feature
5007..5102
/note="match to EST BE175841 (NID:q8648570)"
misc_feature
5007..5093
/note="match to EST A1830826 (NID:q5451419) w52b09.x1"
misc_feature
5007..5093
/note="match to EST AW268636 (NID:q665666) xv41d11.x1"
misc_feature
5007..5098
/note="match to EST AW580493 (NID:q7255542)"
repeat_region
5230..5268
/rpt_family="Alu_rich"
repeat_region
5478..5535
/rpt_family="MIR"
repeat_region
5742..5899
/rpt_family="MIR"
repeat_region
6006..6314
/rpt_family="Alu"
misc_feature
6204..6209
/note="match to EST AW439980 (NID:q6975286) hal2d03.x1"
repeat_region
6625..6898
/rpt_family="L1"
misc_feature
7154..7252
/note="match to EST AW341716 (NID:q6838342) hd13q05.x1"
repeat_region
7849..7965
/rpt_family="L2"
repeat_region
8839..8875
/rpt_family="Alu_rich"
misc_feature
9318..9348
/note="match to EST AA632626 (NID:q2555940) ap81c11.s1"
repeat_region
9217..9521
/rpt_family="Alu"
misc_feature
9548..9828
/note="match to EST BE183439 (NID:q6656615)"
misc_feature
10270..10396
/note="match to EST AW182563 (NID:q6451023) x141q06.x1"
repeat_region
11207..11231
/rpt_family="Alu_rich"
misc_feature
11453..11626
/note="match to EST BE172226 (NID:q6643951)"
misc_feature
13611..13868
/note="match to EST N22230 (NID:q1128364) yw34d03.s1"
misc_feature
14074..14802
/note="match to EST A1830826 (NID:q5451419) w52b09.x1"
misc_feature
14674..14862
/note="match to EST AW268636 (NID:q665666) x041d11.x1"
misc_feature
14781..14802
/note="Similar to M95 mouse, Mus ES1 R1634519 (NID:q1567755)"
misc_feature
14683..14802
/note="match to EST AA914032 (NID:q3052424) o134q06.s1"
misc_feature
14683..14802
/note="match to EST A1907471 (NID:q647901)"
misc_feature
14683..14802
/note="match to EST BE175841 (NID:q8648570)"
misc_feature
14683..14786
/note="match to EST A1672401 (NID:q452042) t56a08.x1"
misc_feature
14708..14802
/note="match to EST BE835052 (NID:q1026740)"
misc_feature
15780..15783
/note="match to EST BE183439 (NID:q6656615)"
misc_feature
15975..16094
/note="match to EST A1830826 (NID:q5451419) w52b09.x1"
misc_feature
15975..16094
/note="match to EST AW268636 (NID:q665666) x041d11.x1"
misc_feature
15975..16094

